

INTERNATIONAL SEARCH REPORT

Internatⁿ Application No

PCT/1B 03/03308

A. CLASSIFICATION OF SUBJECT MATTER

IPC 7 H04L12/28 H04L29/06 H04L12/24 H04L29/08

According to International Patent Classification (IPC) or to both national classification and IPC

B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)

IPC 7 H04L

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practical, search terms used)

EPO-Internal, WPI Data, PAJ

C. DOCUMENTS CONSIDERED TO BE RELEVANT

| Category * | Citation of document, with indication, where appropriate, of the relevant passages | Relevant to claim No. |
|------------|---|-----------------------|
| X | WO 99 57837 A (SAMSUNG ELECTRONICS CO LTD) 11 November 1999 (1999-11-11) | 1,2,4-9 |
| Y | abstract; figures 9,11,12 page 15, line 8 -page 20, line 4 page 34, line 18 -page 39, line 22 | 3 |
| Y | WO 02 01795 A (NOKIA CORP ;NOKIA INC (US)) 3 January 2002 (2002-01-03) | 3 |
| A | abstract page 2, line 3 -page 4, line 9 page 5, line 12 -page 8, line 17 | 1,2,4-9 |
| A | US 2002/029256 A1 (SCHLIMMER JEFFREY C ET AL) 7 March 2002 (2002-03-07) abstract page 3, paragraph 53 - paragraph 90 page 8, paragraph 136 -page 15, paragraph 250 | 1-9 |
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Further documents are listed in the continuation of box C.



Patent family members are listed in annex.

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X document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone

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Date of the actual completion of the international search

17 October 2003

Date of mailing of the international search report

24/10/2003

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C.(Continuation) DOCUMENTS CONSIDERED TO BE RELEVANT

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Information on patent family members

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